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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/780,807	02/17/2004	Han-Cheng Hsu	TSAI0007	1495
22862	7590	07/30/2007		
GLENN PATENT GROUP 3475 EDISON WAY, SUITE L MENLO PARK, CA 94025			EXAMINER DABNEY, PHYLESHA LARVINIA	
			ART UNIT 2614	PAPER NUMBER
			MAIL DATE 07/30/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

10/780,807

Applicant(s)

HSU ET AL.

Examiner

Phylesha L. Dabney

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 25 April 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

This action is in response to the Application filed on 25 April 2007 in which claims 1-18 are pending.

#### *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-18 rejected under 35 U.S.C. 103(a) as being unpatentable over Suiya Wang (U.S. Patent No. 6,312,293) in view of Myers (U.S. Patent No. 4,497,526).

Regarding claims 1-2 and 9, Wang teaches a slim phone jack (figs. 1-8) for a phone plug with a spring arm, the slim phone jack comprising: an upper cover with a plurality of contact terminals to couple to a plurality of corresponding contact terminals of the phone plug; two sidewalls coupling to two sides of the upper cover, the two sidewalls forming a sliding tunnel allowing the phone plug to couple with the slim phone jack conveniently; and a lower cover coupling to the two sidewalls, wherein the lower cover comprises a guiding slot (fig. 7) formed by an opening.

Wang fails to teach placing an opening in the lower cover to allow the spring arm of the phone plug being fixed in a fixing slot of a printed circuit board coupled to the lower cover.

Myers teaches an opening in the lower cover (fig. 1-5) to allow the spring arm of the phone plug to be fixed in a fixing slot of a printed circuit board (8), thereby allowing the spring

Art Unit: 2614

arm to have additional clip/securing space. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to construct the lower cover of Wang as taught by Meyers for the reason stated.

Regarding claims 3-6, the combination of Wang and Myers teaches the slim phone jack of claim 1, wherein the spring arm (RJ-45) sticks out of a surface of the lower cover by way of the opening.

Regarding claims 7-8, the combination of Wang and Myers teaches the slim phone jack of claim 1, wherein the slim phone jack further comprises: at least one fixing stud (16) for fixing the slim phone jack on a printed circuit board; at least one fixing foot (outside of 32) for fixing on the printed circuit board; and a plurality of signal transmitting feet (32) for coupling to circuits of the printed circuit board to transmit signals.

Regarding claims 10-11, the combination of Wang and Myers teaches a slim phone jack (figs. 1-8) for a phone plug with a spring arm, the slim phone jack comprising: an upper cover with a plurality of contact terminals to couple to a plurality of corresponding contact terminals of the phone plug; two sidewalls coupling to two sides of the upper cover, the two sidewalls forming a sliding tunnel to allow the phone plug to couple with the slim phone jack conveniently; a lower cover coupling to the two sidewalls, wherein the lower cover comprises a guiding slot formed by an opening; and a printed circuit board coupling to the lower cover, wherein the printed circuit board further comprises a fixing slot (corresponds to 16, 32).

Regarding claims 12-18, see the rejection of claims 3-8.

### ***Response to Arguments***

Applicant's arguments filed have been fully considered but they are not persuasive.

With respect to the Applicant's arguments presented in view of newly added limitations that *Wang fails to disclose or suggest the fixing slot of the printed circuit board for the spring arm being fixed therein*, the Examiner has included Myers (U.S. Patent No. 4,497,526) in support of this material.

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Art Unit: 2614

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phylesha L. Dabney whose telephone number is 571-272-7494. The examiner can normally be reached on Mondays, Tuesdays, Wednesdays, Fridays 8:30-4 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis Kuntz can be reached on 571-272-7499. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
P O Box 1450  
Alexandria, VA 22313-1450

**Or faxed to:**

(703) 273-8300, for formal communications intended for entry and for informal or draft communications, please label "Proposed" or "Draft" when submitting an informal amendment.

**Hand-delivered responses should be brought to:**

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

July 11, 2007

PLD

  
CURTIS KUNTZ  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600